

AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) A method for providing communications system security, comprising:

establishing communications between a first communications device and a communications server;

generating a token in said communications server;

providing said token to said first communications device;

entering identifying information in said first communications device;

establishing communications between said first communications device and a security server;

providing said identifying information and said token to said security server;

encrypting said token in said security server;

providing said encrypted token to said first communications device;

providing said encrypted token from said first communications device to said communications server;

receiving said encrypted token at said communications server; and

~~granting said first communications device access to said communications system~~
~~decrypting said encrypted token received at said communications server; and~~
~~determining at said communications server whether said decrypted token received~~
~~at said communications server matches said token generated by said communications~~
~~server.~~

2. (Original) The method of Claim 1, wherein said security server utilizes said identifying information as an encryption key.

3. (Original) The method of Claim 1, wherein said identifying information comprises at least one of a user identifier and a user password.

4. (Original) The method of Claim 1, wherein said step of establishing communications comprises requesting that a communications extension assigned to a second communications device be transferred to said first communications device.

5. (Currently Amended) The method of Claim 4, wherein in response to determining that said decrypted token received at said communications server matches said token generated by said communications server said step of granting said first communications device access to said communications system comprises granting said request to transfer said communications extension to said first communications device is granted, wherein at least a first plurality of communications features available to a user through said second communications device when said second communications device is assigned to said extension are available to a user through said first communications device when said first communications device is assigned to said extension.

6. (Original) The method of Claim 1, wherein said communications system comprises a private branch exchange telephony system.

7. (Currently Amended) The method of Claim 1, further A method for providing communications system security, comprising:

establishing communications between a first communications device and a communications server;

generating a token in said communications server;

providing said token to said first communications device;

entering identifying information in said first communications device;

establishing communications between said first communications device and a security server;

providing said identifying information and said token to said security server;

encrypting said token in said security server;

providing said encrypted token to said first communications device;

providing said encrypted token to said communications server;
receiving said encrypted token at said communications server;
granting said first communications device access to said communications server;
altering an encryption algorithm in said security server; and
altering a decryption algorithm in said communications server to correspond to
said altered encryption algorithm in said security server, wherein a token passed to said
security server by said first communications device and encrypted by said security server
using said altered encryption algorithm and said identifying information can be decrypted
by said communications server using said altered decryption algorithm.

8. (Original) The method of Claim 1, wherein said first communications
device comprises a personal digital assistant.

9. (Original) The method of Claim 1, wherein said first communications
device establishes communications with said communications server over a
communications network comprising at least one of a wireless network, a wired network,
and a switched voice data network.

10. (Original) The method of Claim 1, wherein said step of providing said
encrypted token to said communication server is performed after said encrypted token is
received at said first communications device.

11. (Original) The method of Claim 1, wherein said step of granting said first
communications device access to said communication system comprises:

applying said encrypted token received at said communication server; and
verifying that said decrypted token matches said encrypted token generated in said
communications server.

12. (Original) The method of Claim 1, wherein an encryption algorithm used in connection with determining whether to grant access to said communications system is not stored in said first communications device.

13. (Currently Amended) A communications system providing remote security, comprising:

a) a communications network;

b) a system server, comprising:

i) communication system software;

ii) decryption software; and

iii) a network interface interconnected to said communications

network;

c) a first communications device, comprising:

i) communications device software;

ii) a network interface interconnected to said communications network;

d) a security server, comprising:

i) encryption software; and

ii) a network interface interconnected to said communications network,

wherein said first communications device is in communication with said security server and with said system server, wherein said system server provides said first communications device with a first token, wherein said first communications device provides said first token to said security server, wherein said security server encrypts said first token, wherein said first communications device provides said encrypted first token to said system server, and wherein said first communications device is granted access to said system server in response to receipt by said system server of a token said encrypted by said security server first token.

14. (Original) The communications system of Claim 13, wherein said communications network comprises at least one of a wireless computer network, a wired computer network, and a switched voice data network.

15. (Original) The communications system of Claim 13, wherein said first communications device comprises at least one of a soft telephone and a hard telephone.

16. (Original) The communications system of Claim 13, wherein said first communications device comprises a personal digital assistant.

17. (Original) The communications system of Claim 13, wherein said first communications device is capable of providing a first set of functions provided by a second communications device comprising a hard telephone when said first communications device is granted access to said system server.

18. (Original) The communications system of Claim 13, wherein an encryption algorithm for use in connection with said communications system is not stored on said communications device.

19. (Currently Amended) A communications system with security features remote from a communication device, comprising:

means for providing communications services to a plurality of communications devices, including said at least a first communications device and at least a second communications device, wherein said means for providing communications services includes means for generating a first token;

at least a first communications device interconnected to said means for providing communications services;

means for encrypting information said first token interconnected to said at least a first communications device, wherein said first token is received by said means for

encrypting from said at least a first communications device, wherein said means for encrypting are located remotely from said at least a first communications device; —
— means for providing communications services to a plurality of communications devices, including said at least a first communications device and at least a second communications device; and
— means for interconnecting said at least a first communications device to said means for encrypting information and to said means for providing communications services, and wherein said at least a first communications device is operable to perform at least a first set of communications functions.

20. (Original) The communications system of Claim 19, further comprising:
means for interconnecting said at least a second communications device to said means for providing communications services, wherein said at least a second communications device is operable to perform said at least a first set of communications functions, and wherein an extension assigned to said at least a second communications device is reassigned to said at least a first communications device.

21. (Original) The communication system of Claim 19, wherein said means for interconnecting said at least a first communications device to said means for encrypting information and to said means for providing communications services comprises a wireless communications channel.